

# A METHOD FOR DOWNLINK POWER ALLOCATION IN A CODE DIVISION MULTIPLE ACCESS (CDMA) COMMUNICATION

**Publication number:** JP2003516001T

**Publication date:** 2003-05-07

**Inventor:**

**Applicant:**

**Classification:**

- international: H04B1/707; H04B7/005; H04B7/26; H04Q7/32;  
H04Q7/38; H04B1/707; H04B7/005; H04B7/26;  
H04Q7/32; H04Q7/38; (IPC1-7): H04B7/26; H04B1/707;  
H04Q7/38  
- European: H04B7/005B2H2; H04B7/005B2H8; H04B7/005B2H10;  
H04B7/005B3M2; H04Q7/32E; H04W52/02

**Application number:** JP20010540559T 20001114

**Priority number(s):** SE19990004299 19991126; WO2000SE02234  
20001114

**Also published as:**

- WO0139540 (A1)
- US6934268 (B1)
- EP1232665 (A0)
- CN1399858 (A)
- EP1232665 (B1)

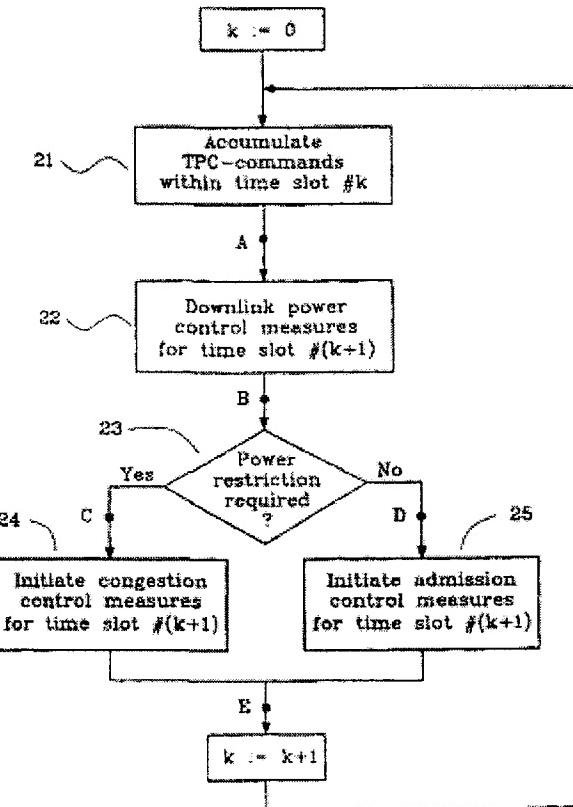
[more >>](#)

[Report a data error here](#)

Abstract not available for JP2003516001T

Abstract of corresponding document: **WO0139540**

The present invention relates to a method in a CDMA-based communication system for power allocation and control of the downlink channels of a base station having a fixed maximum permitted downlink power level. The method includes the steps of estimating the total needed downlink power for a subsequent time interval and, if necessary, restricting the downlink power for selected subsets of user equipments by means of rejecting their requests for a downlink power increase. Admission and congestion control is done by means of analysing and evaluating the number of rejected power requests from said user equipments.



Data supplied from the **esp@cenet** database - Worldwide

